UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

08/30/2005

Norman Friedland Suite 400 11300 US Highway One North Palm Beach, FL 33408

EXAM	IINER
EDGAR, R	ICHARD A
ART UNIT	PAPER NUMBER

DATE MAILED: 08/30/2005

3745

APPLICATION NO. FILING DATE		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/791,581	03/02/2004	George Liang	N1089	3469

TITLE OF INVENTION: LEADING EDGE DIFFUSION COOLING OF A TURBINE AIRFOIL FOR A GAS TURBINE ENGINE

APPLN. TYPE	APPLN. TYPE SMALL ENTITY		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	11/30/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notification	15.					
CURRENT CORRESPONDENC	E ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of Fee(s) Transmittal. T papers. Each addition	of mailing can only be used for This certificate cannot be used it nal paper, such as an assignmen	or domestic mailings of the for any other accompanying ent or formal drawing, must
75	590 08/30/2005			have its own certifica	nal paper, such as an assignme ate of mailing or transmission.	
Norman Friedland Suite 400 11300 US Highway North Palm Beach,	y One			I hereby certify that States Postal Service addressed to the Matransmitted to the US	ertificate of Mailing or Trans this Fee(s) Transmittal is being with sufficient postage for fir all Stop ISSUE FEE address SPTO (571) 273-2885, on the d	mission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.
	1233100					(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE	1	FIRST NAMED INV	ENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/791,581	03/02/2004		George Lian	g	N1089	3469
TITLE OF INVENTION: L	EADING EDGE DIFFUSIO	N COOLING OF A	A TURBINE AIRF	OIL FOR A GAS TUR	BINE ENGINE	
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	I.	\$300	\$1000	11/30/2005
EXAM	IINER	.ART UN	IT	CLASS-SUBCLASS	7	
EDGAR, R	ICHARD A	3745		416-09700R	_	
1. Change of correspondence	e address or indication of "Fo	ee Address" (37	2. For printing of	on the patent front page,	list	
CFR 1.363).			(1) the names of	of up to 3 registered pat	ent attorneys	
Address form PTO/SB/12	lence address (or Change of 22) attached.	Correspondence	or agents OR, a (2) the name of	a single firm (having as	s a member a 2	
"Fee Address" indicate PTO/SB/47; Rev 03-02 of Number is required.	tion (or "Fee Address" Indica or more recent) attached. Use	ation form e of a Customer	registered attori	ney or agent) and the na ent attorneys or agents. will be printed.	imes of up to	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT (pri	nt or type)		
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will appear o Γa substitute for fi	n the patent. If an assig ling an assignment.	gnee is identified below, the d	ocument has been filed for
(A) NAME OF ASSIGN	EE	(B) RESIDENCE: (C	CITY and STATE OR CO	OUNTRY)	
Please check the appropriate	assignee category or catego	ries (will not be pri	inted on the patent	: 🗖 Individual 🗖	Corporation or other private gro	oup entity Government
4a. The following fee(s) are			. Payment of Fee(s			
Issue Fee				amount of the fee(s) is		
,	mall entity discount permitte	ed)		edit card. Form PTO-20		
Advance Order - # of	f Copies		The Director Deposit Account	is hereby authorized by Number	charge the required fee(s), or (enclose an extra c	credit any overpayment, to opy of this form).
5. Change in Entity Status						
	MALL ENTITY status. See				ALL ENTITY status. See 37 C	
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issi ublication Fee (if required) vords of the United States Pat	ue Fee and Publicat will not be accepted ent and Trademark	tion Fee (if any) or I from anyone othe Office.	to re-apply any previou r than the applicant; a re	usly paid issue fee to the applicate egistered attorney or agent; or the egistered attorney or the egistered attorney or the egistered attorney or the egistered attorney or egistered attorney	ation identified above. the assignee or other party in
Authorized Signature				Date		
Typed or printed name _		···		Registratio	on No.	
This collection of informatic an application. Confidential submitting the completed a this form and/or suggestions Box 1450, Alexandra, Virg Alexandria, Virginia 22314.	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C pplication form to the USPTs for reducing this burden, slinia 22313-1450. DO NOT 1450.	11. The information 122 and 37 CFR O. Time will vary hould be sent to the SEND FEES OR O	n is required to ob 1.14. This collection depending upon the Chief Information COMPLETED FOR	tain or retain a benefit by on is estimated to take I' ne individual case. Any n Officer, U.S. Patent ar RMS TO THIS ADDRE	y the public which is to file (an 2 minutes to complete, includit comments on the amount of ti nd Trademark Office, U.S. Dep SS. SEND TO: Commissioner	d by the USPTO to process) ng gathering, preparing, and me you require to complete vartment of Commerce, P.O. for Patents, P.O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/791,581 03/02/2004		George Liang	N1089	3469	
7590 08/30/2005			EXAMI	EXAMINER	
Norman Friedland			EDGAR, RICHARD A		
Suite 400 11300 US Highway	/ One		ART UNIT	PAPER NUMBER	
North Palm Beach, FL 33408			3745		
			DATE MAILED: 08/30/2005		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 120 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 120 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.